

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A flame retardant resin composition comprising:

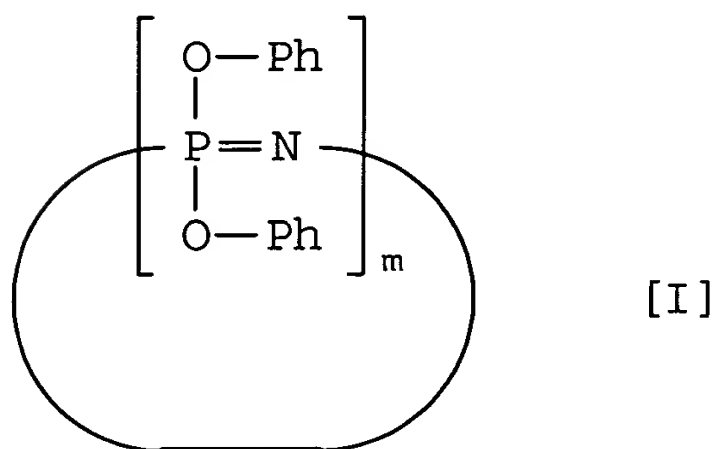
100 parts by weight of a thermoplastic polyamide resin (A),

1 to 100 parts by weight of a phosphazene compound (C), and

a phosphazene compatibility enhancing resin (B), consisting essentially of a polyphenylene ether-based resin, or a mixture of a polyphenylene ether-based resin and a polystyrene based resin being present in an amount of 10 to 500% by weight based on the weight of said phosphazene compound (C); wherein the phosphazene compatibility enhancing resin (B) is present in an amount sufficient to prevent bleed-out of the phosphazene compound.

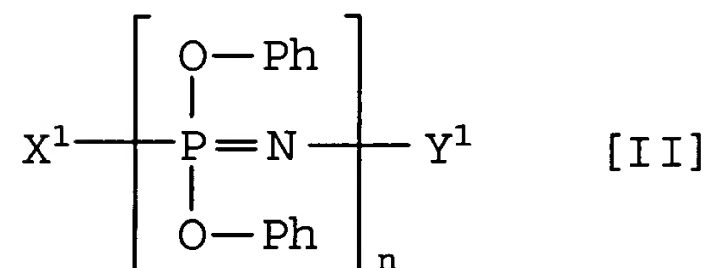
2. (Original) A flame retardant resin composition according to claim 1, wherein the phosphazene compound (C) comprises at least one compound selected from the group consisting of:

cyclic phenoxy phosphazenes represented by the general formula [I]:



wherein m is an integer of 3 to 25 and Ph is phenyl;

chain phenoxy phosphazenes represented by the general formula [II]:

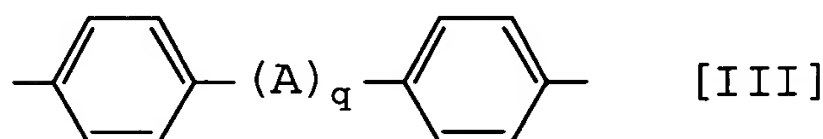


wherein X^1 is $-\text{N}=\text{P}(\text{OPh})_3$ or $-\text{N}=\text{P}(\text{O})\text{OPh}$, Y^1 is $-\text{P}(\text{OPh})_4$ or $-\text{P}(\text{O})\text{OPh}_2$, n is an integer of 3 to 10,000, and Ph is phenyl; and

cross-linked phenoxy phosphazene compounds obtained by cross-linking at least one phenoxy phosphazene selected from the group consisting of those represented by the above general formulae [I] and [II] through a cross-linking group.

3. (Original) A flame retardant resin composition according to claim 2, wherein the cross-linking group is phenylene or bisphenylene.

4. (Original) A flame retardant resin composition according to claim 2, wherein the cross-linking group is at least one group selected from the group consisting of o-phenylene, m-phenylene, p-phenylene, and bisphenylenes represented by the general formula [III]:



wherein A is $-\text{C}(\text{CH}_3)_2-$, $-\text{SO}_2-$, $-\text{S}-$ or $-\text{O}-$; and q is 0 or 1.

5. (Original) A flame retardant resin composition according to claim 2, wherein said cross-linked phenoxy phosphazene compound comprises a cross-linking group which is present between two oxygen atoms of the phenoxy phosphazenes from which phenyl groups are eliminated; contains phenylene groups derived from those represented by the general formula [III] in an amount of 50 to 99.9 mol% based on the total number of phenyl groups and phenylene

groups contained in the cyclic phenoxy phosphazene represented by the general formula [I], the chain phenoxy phosphazene represented by the general formula [II] or mixture thereof; and has no free hydroxy group in a molecule of the phosphazene compound (C).

6. (Original) A flame retardant resin composition according to claim 1, wherein the polyamide resin (A) is polyamide 6.

7. (Original) A flame retardant resin composition according to claim 1, further comprising an inorganic filler (D1).

8. (Original) A flame retardant resin composition according to claim 7, wherein the inorganic filler (D1) is a glass fiber.

9. (Original) A flame retardant resin composition according to claim 7, wherein the content of the inorganic filler (D1) is 5 to 300 parts by weight based on 100 parts of the polyamide resin (A).

10. (Original) A flame retardant resin composition according to claim 1, further comprising a magnetic powder (D2).

11. (Original) A flame retardant resin composition according to claim 10, wherein the content of the magnetic powder (D2) is 50 to 95% by weight based on the weight of the flame retardant resin composition, and the content of the phosphazene compound (C) is 0.1 to 40% by weight based on the weight of the flame retardant resin composition.

12. (Original) A flame retardant resin composition according to claim 10, wherein the magnetic powder (D2) is ferrite-based magnetic powder, alnico-based magnetic powder or mixture thereof.

13. (Original) A flame retardant resin magnet comprising the flame retardant resin composition according to claim 10.

14. (Currently amended) A flame retardant resin composition comprising:

100 parts by weight of a thermoplastic polyamide resin (A),

1 to 100 parts by weight of a phosphazene compound (C), and

an anti-bleedout resin (B) comprising a polyphenylene ether-based resin, a polystyrene-based resin or mixture thereof, the anti-bleedout resin being present in an amount of 10 to 500% by weight based on the weight of said phosphazene compound (C), and the anti-bleedout resin (B) is present in an amount sufficient to prevent bleed-out of the phosphazene compound,

resin pellets comprising said flame retardant resin composition being producible by extruding of said flame retardant resin composition by using a twin-screw extruder at 270 °C without bleed-out of phosphazene compound (C).

15. (Currently amended) A flame retardant resin composition comprising:

100 parts by weight of a thermoplastic polyamide resin (A),

1 to 100 parts by weight of a phosphazene compound (C), and

a phosphazene compatibility enhancing resin (B), consisting essentially of a polyphenylene ether-based resin, or a mixture of a polyphenylene ether-based resin and a polystyrene based resin being present in an amount of 10 to 500% by weight based on the weight of said phosphazene compound (C), and the phosphazene compatibility enhancing resin (B) is present in an amount sufficient to prevent bleed-out of the phosphazene compound,

further comprising an inorganic filler (D1),

wherein the inorganic filler (D1) is a glass fiber, and

wherein the glass fiber is surface-treated with a silane-based coupling agent.

16. (Currently amended) A flame retardant resin composition comprising:

100 parts by weight of a thermoplastic polyamide resin (A),

1 to 100 parts by weight of a phosphazene compound (C), and

a phosphazene compatibility enhancing resin (B), consisting essentially of a polyphenylene ether-based resin, or a mixture of a polyphenylene ether-based resin and a polystyrene based resin being present in an amount of 10 to 500% by weight based on the weight of said phosphazene compound (C), and the phosphazene compatibility enhancing resin (B) is present in an amount sufficient to prevent bleed-out of the phosphazene compound,

wherein, the polyphenylene ether-based resin (B) is modified with α,β -unsaturated carboxylic acid.

17. (New) The flame retardant resin of claim 1, wherein the amount of phosphazene compatibility enhancing resin (B) is 30 to 300% by weight based on the weight of said phosphazene compound (C).

18. (New) The flame retardant resin of claim 1, wherein the amount of phosphazene compatibility enhancing resin (B) is 50 to 200% by weight based on the weight of said phosphazene compound (C).